

ARCHIVES

OF

OTOLARYNGOLOGY- HEAD & NECK SURGERY

VOL 123 NO. 1, JANUARY 1997

ORIGINAL ARTICLES

Critical Pathways for Head and Neck Surgery: 11 Development and Implementation

James Cohen, MD, PhD; Mary Stock, RN, BSN;
Peter Andersen, MD; Edwin Everts, MD

Endovascular Management of Hemorrhage 15 in Patients With Head and Neck Cancer

David D. Morrissey, MD; Peter E. Andersen, MD;
Gary M. Nesbit, MD; Stanley L. Barnwell, MD;
Edwin C. Everts, MD; James I. Cohen, MD, PhD

A New Immunocompetent Murine 20 Model for Oral Cancer

Bert W. O'Malley, Jr, MD; Keary A. Cope;
Candace S. Johnson, PhD;
Mary R. Schwartz, MD

Generation of Therapeutic T Cells 25 From Draining Lymph Nodes

in a Murine Model of Head and
Neck Squamous Cell Carcinoma
Nader Sadeghi, MD; Martin J. Black, MD;
Michael P. Hier, MD;
George Shenouda, MD, PhD;
Stephen E. Karp, MD

Successful Treatment of 34 Esthesioneuroblastoma and Neuroendocrine Carcinoma With Combined Chemotherapy and Proton Radiation: Results in 9 Cases

Neil Bhattacharyya, MD; Allan F. Thornton, MD;
Michael P. Joseph, MD; Max L. Goodman, MD;
Philip C. Amrein, MD

The Role of Glucocorticoids 41 in Endotoxin-Mediated Otitis Media With Effusion

Henry C. Baggett, MSIV; Jiri Prazma, MD, PhD;
Austin S. Rose, MSIV; Andrew P. Lane, MD;
Harold C. Pillsbury III, MD

Herpes Simplex Virus Antibodies 53 in the Perilymph of Patients With Meniere Disease

Wolfgang Arnold, MD, PhD;
Hans P. Niedermeyer, MD

Direct Hypoglossal Nerve Stimulation 57 in Obstructive Sleep Apnea

David W. Eisele, MD; Philip L. Smith, MD;
Daniel S. Alam; Alan R. Schwartz, MD

CLINICAL NOTE

External Auditory Canal Cholesteatoma 62

Pierre Garin, MD; Jean-Christophe Degols, MD;
Monique Delos, MD

American Medical Association

Physicians dedicated to the health of America



Copyright 1997 by the American Medical Association. All rights reserved.
Reproduction without permission is prohibited.

All articles published, including editorials, letters, and book reviews, represent the opinions of the authors and do not reflect the policy of the American Medical Association, the Editorial Board, or the institution with which the author is affiliated, unless this is clearly specified.

P. John Seward, MD

Executive Vice President

Kenneth E. Monroe

Deputy Executive Vice President

James F. Rappel

Group Vice President,
Business and Management Services

George D. Lundberg, MD

Editor in Chief, Scientific
Information and Multimedia

Robert L. Kennett

Vice President, Publishing

Michael D. Springer

Publisher, New Media

Peter L. Payerli

Associate Publisher

Mary C. Steermann

Director, Production &
Distribution Division

Cheryl Iverson

Director, Editorial Processing
Division

Geoffrey A. Flick

Manager, Marketing Services

Advertising Offices: East: Peter G. Messina, 119 Cherry Hill Rd, 3rd Flr, Parsippany, NJ 07054 (201) 263-9191. Midwest/West: J. P. Cahill & Associates, 341 S Waiola Ave, La Grange, IL 60525 (708) 352-0322. **AMA Physician Recruitment Advertising Department:** Robert Lake, Supervisor, 800-262-2260.

ORIGINAL ARTICLE

- Isolated Submentoplasty: A Limited Approach to the Aging Neck** 66
Frank M. Kamer, MD;
Andrew S. Frankel, MD
- Tumefactive Cartilage Proliferation After Rhinoplasty: A Newly Reported Complication** 72
David Reiter, MD, DMD; Bruce Peters, DO;
James Amsberry, MD; Peter McCue, MD

CLINICAL NOTE

- Occult Malformations of the Skull Base** 77
Bernhard Schick, MD; Wolfgang Draf, MD, DMedSci;
Gabriele Kahle, MD;
Rainer Weber, MD;
Thomas Wallenfang, MD, DMedSci

ORIGINAL ARTICLE

- Blunt Laryngotracheal Trauma in Children** 83
Steven M. Gold, MD; Mark E. Gerber, MD;
Sally R. Shott, MD; Charles M. Myer III, MD
- Assessment of Tracheoesophageal Speech in a Tonal Language: A Prospective Study** 88
Simon Hon Wai Wong, FRCSE, DLO;
Catherine Ching Han Cheung;
Anthony Po Wing Yuen, FRCSE, DLO;
Wai Kuen Ho, FRCSE, DLO;
William Ignace Wei, MS, FRCSE, DLO

CLINICAL NOTES

- Brief Bilateral Vocal Cord Paralysis After Insecticide Poisoning: A New Variant of Toxicity Syndrome** 93
Jerome W. Thompson, MD, MBA;
Rose Mary Stocks, MD, PharmD
- Congenital Conductive Hearing Loss in the Lacrimoauriculodentodigital Syndrome** 97
Robbert J. H. Ensink, MD;
Cor W. R. J. Cremers, MD, PhD;
Han G. Brunner, MD
- Osseous Craniofacial Arteriovenous Malformations in the Pediatric Population** 101
Nina L. Shapiro, MD; Michael J. Cunningham, MD;
Neil Bhattacharyya, MD; In Sup Choi, MD;
John Pile-Spellman, MD; Michael P. Joseph, MD
- Maxillary Malignant Mesenchymoma and Massive Fibrous Dysplasia** 106
Matthew E. Beuerlein, MD;
David E. Schuller, MD;
Barry R. DeYoung, MD

CORRECTION

- Combined Use of Superpulsed Carbon Dioxide Laser and Cryotherapy for Treatment of Facial Rytids** 46
Sina Nasri, MD; James P. Neuman, MD;
Richard L. Goode, MD

REGULAR DEPARTMENTS

- Calendar** 8
Resident's Page: Imaging 110
Letters to the Editor 115
Instructions for Authors 118
Physician Recruitment Advertising 123

ARCHIVES

OF

OTOLARYNGOLOGY-
HEAD & NECK SURGERY

Editor:

Michael E. Johns, MD
 Emory University
 Woodruff Health Sciences
 Administration Building
 Suite 408
 1440 Clifton Rd NE
 Atlanta, GA 30322

Assistant Editors:

John K. Niparko, MD
 Baltimore, Md
William J. Richtsmeier, MD, PhD
 Durham, NC

Editorial Assistant:

Trina L. Johns

Production Manager:

Catherine A. Alden
 (404) 778-2322
 (404) 778-3100 FAX
 e-mail: aohns@emory.edu

Editorial Board:

John G. Batsakis, MD
 Houston, Tex
Margaret S. Brandwein, MD
 New York, NY
Robin T. Cotton, MD
 Cincinnati, Ohio
Patrick J. Gullane, MD
 Toronto, Ontario
Lauren D. Hollinger, MD
 Chicago, Ill
Robert K. Jackler, MD
 San Francisco, Calif
Wayne F. Larrabee, Jr, MD
 Seattle, Wash
Robert H. Miller, MD
 New Orleans, La
H. Bryan Neel III, MD, PhD
 Rochester, Minn

Harold C. Pillsbury III, MD

Chapel Hill, NC
Clarence T. Sasaki, MD
 New Haven, Conn
Fred J. Stucker, MD
 Shreveport, La

Section Editors:

Challenges in Clinical Otolaryngology
Karen H. Calhoun, MD
 Galveston, Tex
Ronald B. Koppersmith, MD (Assistant)
 Houston, Tex
Online Editor
Michael A. Rothschild, MD
 New York, NY
Resident's Page—Imaging
R. Nick Bryan, MD
S. James Zinreich, MD
 Baltimore, Md

Resident's Page—Pathology

Frederic B. Askin, MD
William H. Westra, MD
 Baltimore, Md
American Academy of Facial Plastic and Reconstructive Surgery News
Dale H. Rice, MD
Maisie Shindo, MD
 Los Angeles, Calif
American Society for Head and Neck Surgery News
David W. Eisele, MD
 Baltimore, Md
American Society of Pediatric Otolaryngology News
Sally R. Shott, MD
 Cincinnati, Ohio